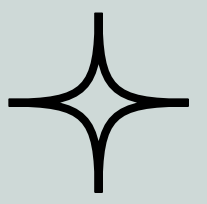


Bubble tea website



Rochester Institute of Technology SOIS

Qunzhan Huang

A comprehensive full-stack bubble tea website, innovatively crafted with responsive design to enhance user experience across all devices.

Introduction

Welcome to my project, in which I created a website for ordering bubble tea. I built an easy-to-use website using simple yet powerful web tools like React, Node.js, and MongoDB. Customers can select and personalize their drinks, and the shop owner can easily update their menu. This project blends my web development skills with the fun and lively bubble tea scene, resulting in a website that's useful for both customers and the store.

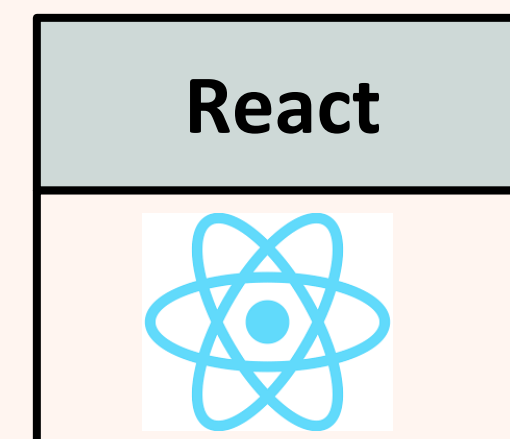
Background

The reason I'm creating a full-stack bubble tea website for my capstone project is that this project combines my academic web development knowledge with practical application. It involves a variety of technologies, enhancing my portfolio, and directly supports a friend's bubble tea shop, bridging the theoretical learning and practical business needs.

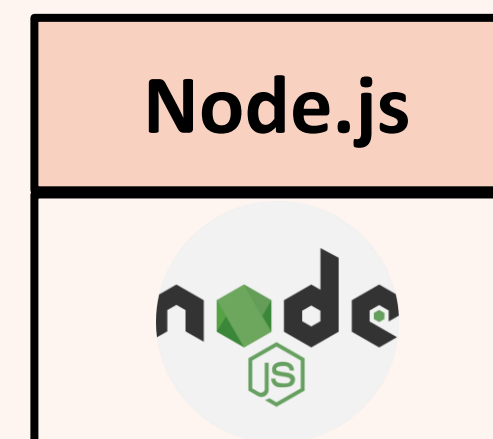
Core Elements of the Website

Tools been used

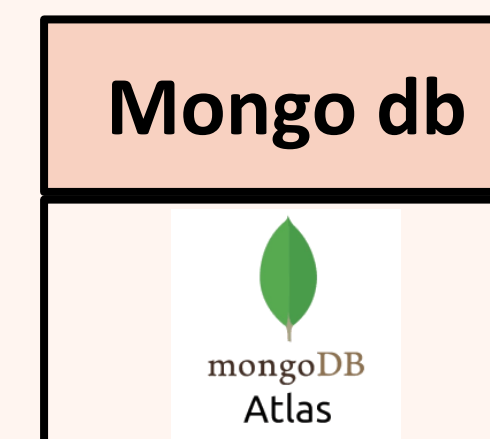
Front-End



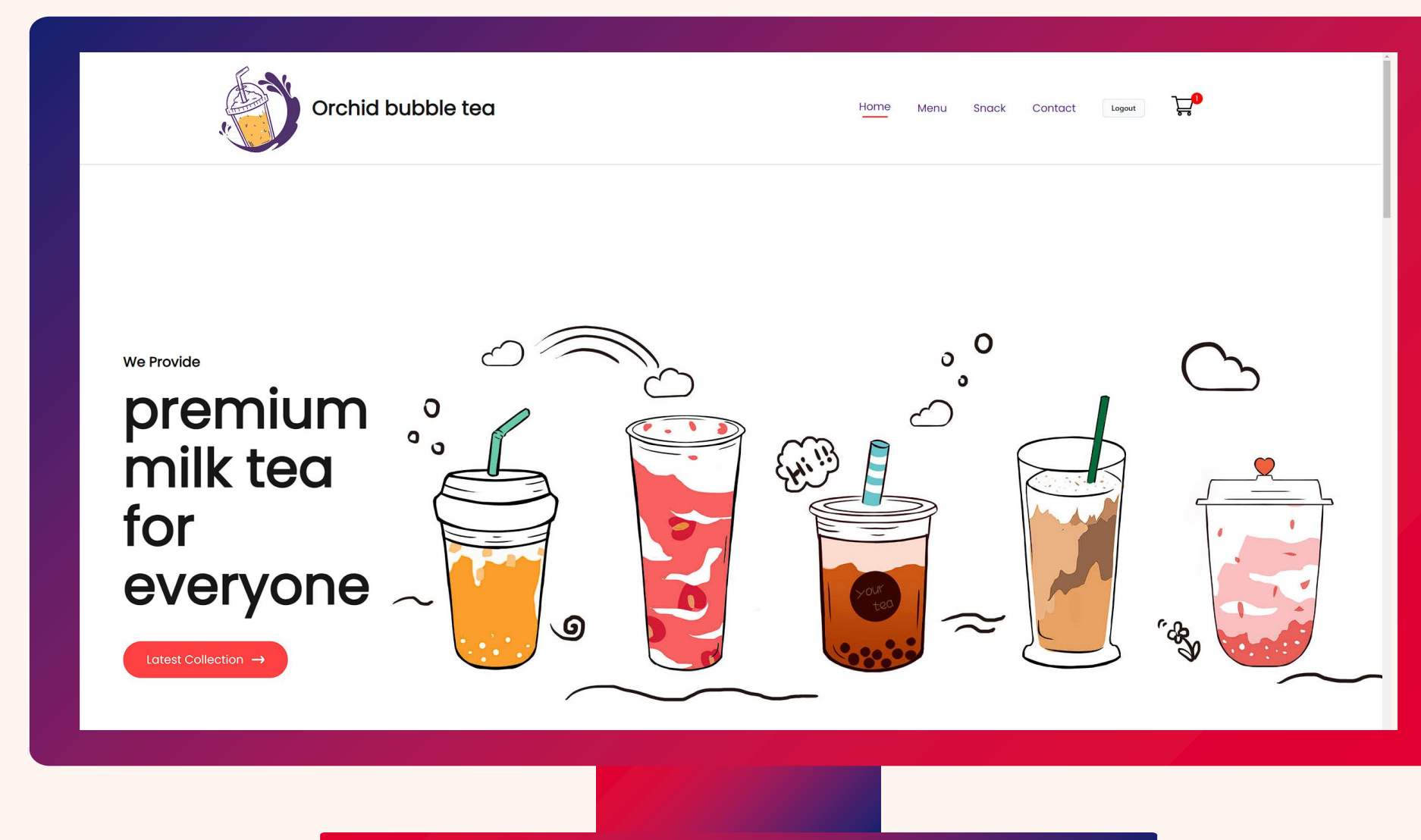
Back-end



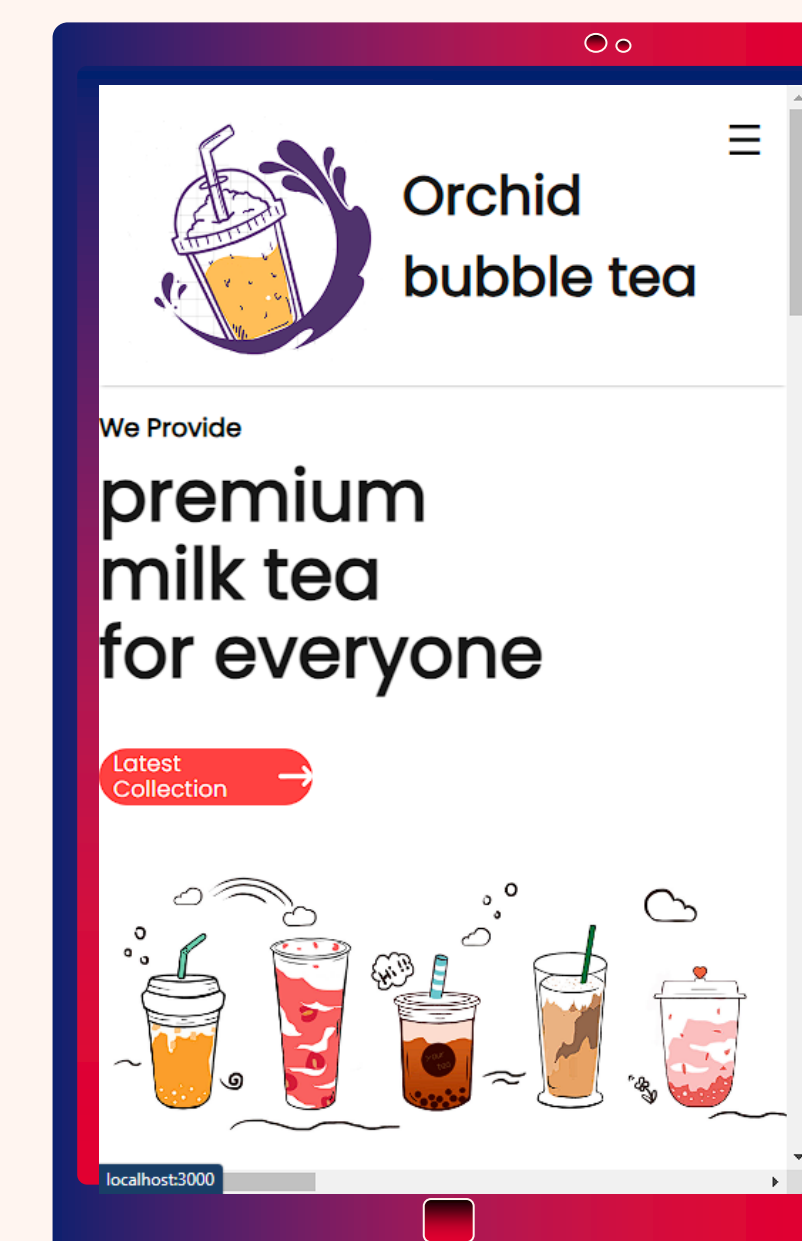
Database



Desktop view



Mobile view



Responsive Design

Responsive design ensures a website functions and looks good on all kinds of devices, including desktops and smartphones. It enhances accessibility and user experience by adjusting the layout to the screen size.

Conclusion

Current Progress

Currently, approximately 75% of the website is operational. The admin panel I created makes it easy for the shop to manage products. Major components, like placing orders and viewing the website effectively on a computer or phone, are ready. I've also made it simple for users to register and log in. So far, everything seems to be going smoothly with these parts.

Next step

My primary goal right now is to implement a user review system for customer feedback. In order to improve the functionality of the current admin panel and give useful information for business decision-making, I will also be adding a feature to track top-selling items.

Resources

UX/UI Design 2022
Udemy